

U. S. Patent No. 2087516

*Desco*

**STORE FRONT  
CONSTRUCTION**

**DETROIT SHOW CASE CO.**



*Desco*

# METAL STORE FRONT CONSTRUCTION

When you study the superior qualities of DESCO, you'll welcome this modern Store Front Construction. You'll find it an aristocrat, in design and construction

... a commoner in initial expense ... and a miser in upkeep cost. Built to stay in style and to stay in service. Compare DESCO and DESCO features!

## METALS AND FINISHES

**ALUMILITE**—For a white metal finish we recommend Alumilite. This modern finish has a soft, pleasing tone and is whiter than the standard aluminum alloys. It is permanent ... and has a richer, more refined appearance than many of the bright, shiny metals. Also the Alumilite process hardens, as well as whitens the metal, so that it cannot scratch easily. And it does not show fingerprints—a feature practically unknown in other metals and finishes. With all of these advantages it is comparatively inexpensive.

**POLISHED AND SATIN FINISH ALUMINUM ALLOY**—These are standard finishes for which there is no extra charge.

**BRONZE METAL FINISHES**—Bronze metal is furnished in polished or satin finish. Light, medium or dark statuary finishes.

**COPPER**—Same as for bronze, except that copper cannot be furnished in extruded shapes ... rolled only.

## DESIGN ASSISTANCE

We will be glad to co-operate with architects in designing any type of store front. Our years of experience in planning store fronts of various kinds in all parts of the country well enable our

field men to give reliable consulting service. Full size details showing various DESCO combinations sent to architects on request.

*Desco*

# TYPES OF SETTINGS

DESCO makes a most complete line of all extruded, semi-extruded and rolled construction.

On this page and the following we show full size cuts of the several different settings.

## ALL EXTRUDED SASH BARS

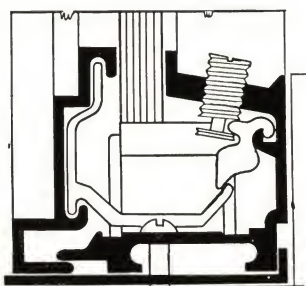
Extruded face plate and extruded gutter. All extruded DESCO sash is fitted with DESCO patented inside set mechanism. This mechanism is unique and fool-proof, eliminates previous faults. Only two essential members—and these are heavy extruded metal, not easily bent or distorted. No light-gauge stamped metals are used. The extruded cam, concealed inside the gutter, is raised and lowered by means of a flange screw. Action is positive in both

directions, cannot become "frozen." The cam engages an extruded draw-bar on the face piece, so that merely turning the screw tightens or releases the outside member. This is the whole operation ... economical, efficient.

**NO LOST SCREWS**—The screws are so arranged that they cannot be removed—thus facilitating installation and completion of job.

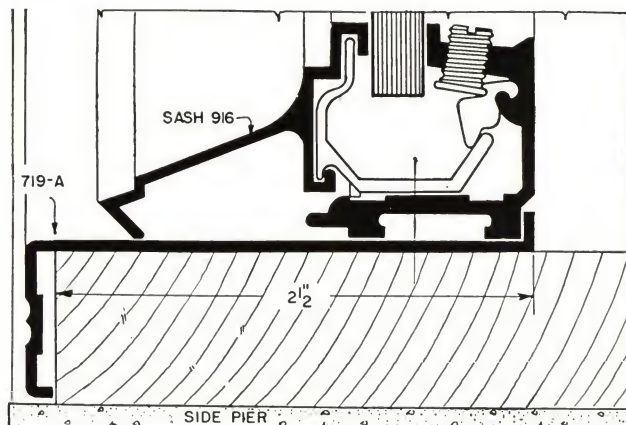
**GLASS CANNOT BECOME LOCKED IN SETTING**—Caused by settlement or shifting of glass from vibration. The moving parts are so placed that

nothing can prevent their functioning. This avoids waste of time in making replacements.



DESCO Setting...No. 616  
U. S. Pat. No. 2,087,515

No. 616 Sash Extruded face plate and extruded gutter fitted with inside set patented mechanism. U. S. Pat. No. 2,087,515.



DESCO Setting . . . . . No. 916  
U. S. Pat. No. 2,087,515

No. 916 Sash Extruded face plate and extruded gutter fitted with inside set patented mechanism. U. S. Pat. No. 2,087,515.

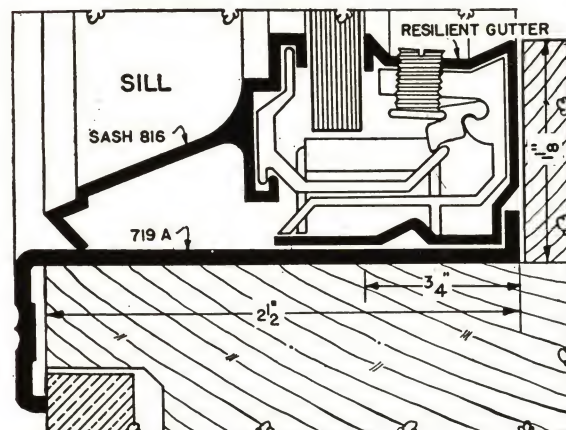
**NOTE**—The above cut of No. 916 DESCO sash also shows cut of No. 719-A extruded sill cover.

# Desco TYPES OF SETTINGS

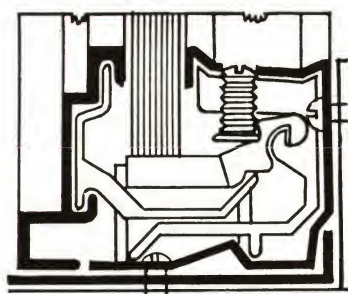
## SEMI-EXTRUDED SASH BARS

DESCO semi-extruded sash bars are made with extruded face plates and rolled gutters. Several different types are furnished, some with DESCO inside set patented mechanism and some with outside setting.

No. 816 DESCO setting extruded face plate, rolled gutter, inside set patented mechanism. U. S. Pat. No. 2,087,516.



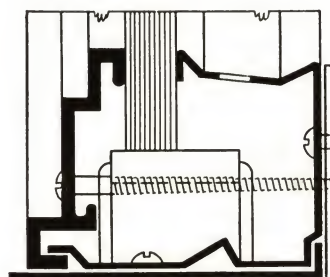
DESCO Setting . . . . . No. 816



DESCO Setting...No. 116  
U. S. Pat. No. 2,087,516

No. 116 DESCO setting extruded face plate, rolled gutter, inside set patented mechanism. U. S. Pat. No. 2,087,516.

No. 126 DESCO setting extruded face plate, rolled gutter, outside set.

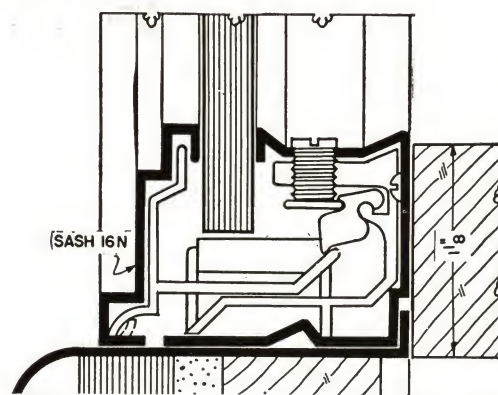


DESCO Setting...No. 126

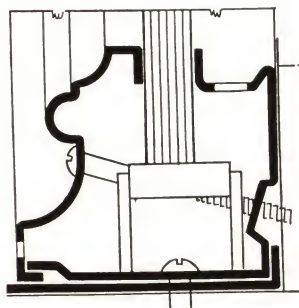
## ALL ROLLED CONSTRUCTION

The following DESCO all rolled sash bars are made with rolled face plate and rolled gutters, some with DESCO inside set patented mechanism, some with outside setting.

No. 16-N DESCO setting, rolled face plate, and rolled gutter, inside set patented mechanism. U. S. Pat. No. 2,087,516.



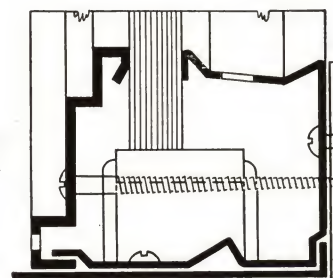
DESCO Setting . . . . . No. 16-N



DESCO Setting...No. 81  
CHICAGO

No. 81 DESCO setting, rolled face plate and rolled gutter, direct screw outside setting.

No. 26 DESCO setting, rolled face plate and rolled gutter, direct screw, outside setting.



DESCO Setting...No. 26



# Desco METAL TYPES OF BARS

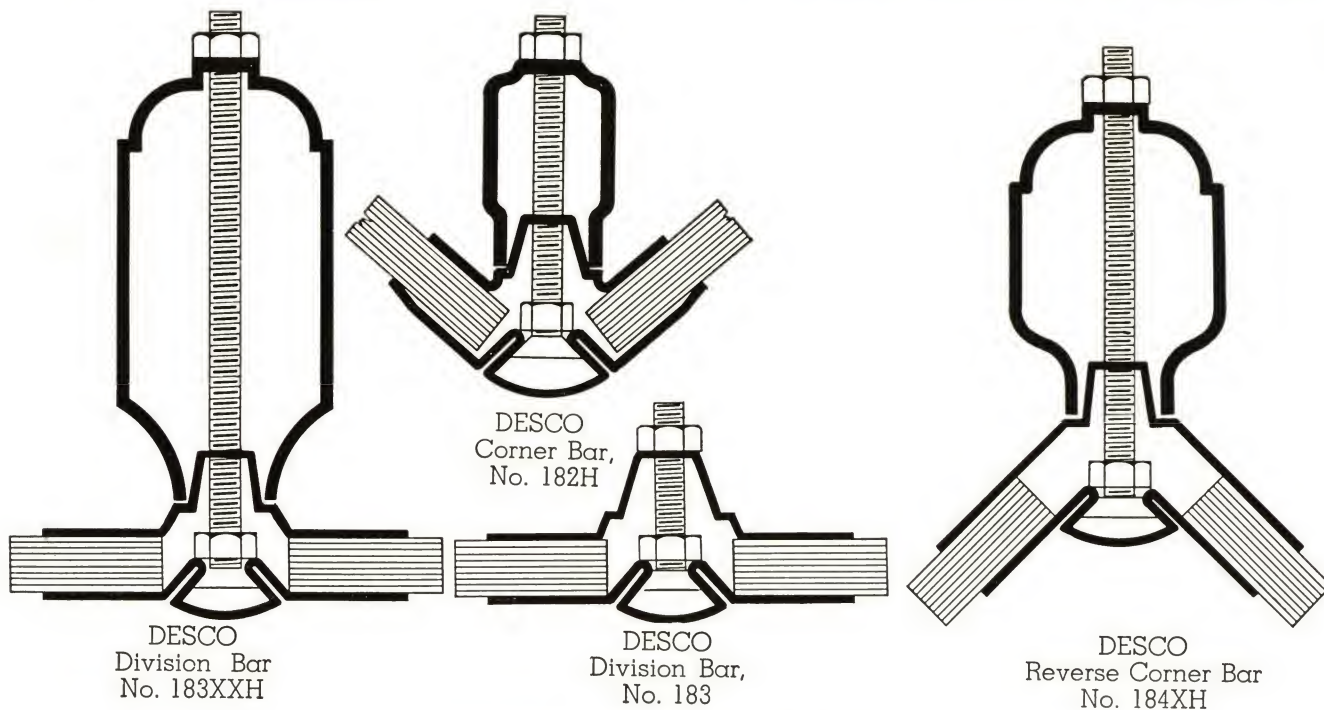
DESCO makes two types of bars, all rolled and semi-extruded.

## REINFORCING CHANNELS

Please note that No. H channel, No. XH channel and No. XXH channel fit all bars where extra strength is required whether the bars are rolled or semi-extruded.

## ALL ROLLED TYPE

Full size drawings below will show exact sizes of all bars with their proper numbers. Please note how reinforcing channels are attached.



## SEMI-EXTRUDED BARS

All bars of the semi-extruded type are fitted with extruded face mouldings and rolled back plates. All reinforcing channels fit this type, whether they are corner, division or reverse bars.



Semi-Extruded Corner Bars and Reverse Corner Bars are carried at the factory in several standard angles which are as follows:  
 Corner Bars 90 degrees 105, 120, 135 and 150.  
 Reverse Corner Bars 90, 110 and 135.

Architects will be assured of better service and more prompt shipments if they will adhere closely to the above angles. Of course any of these bars can be re-angled and any angle can be supplied when ordered.

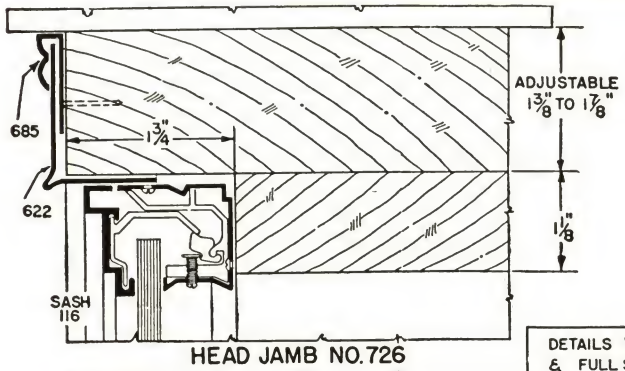


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# DESCO STORE FRONT CONSTRUCTION

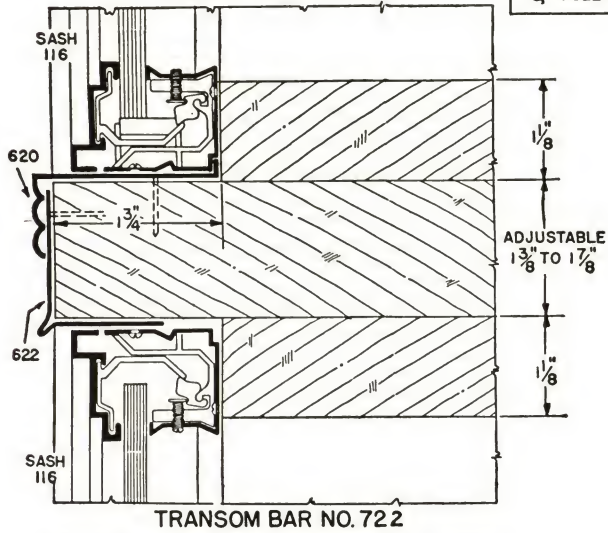
EXTRUDED AND ROLLED SECTIONS IN ALUMINUM AND BRONZE.

PLATE I

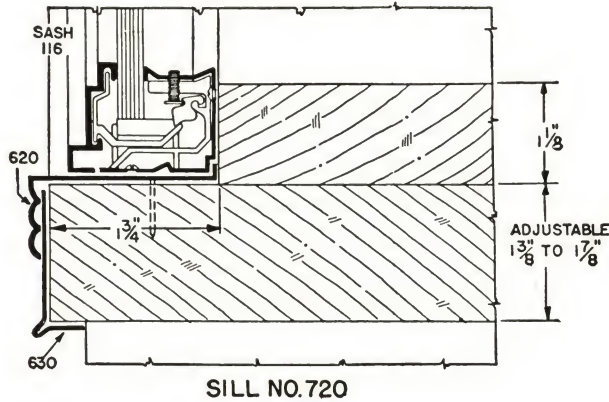


HEAD JAMB NO. 726

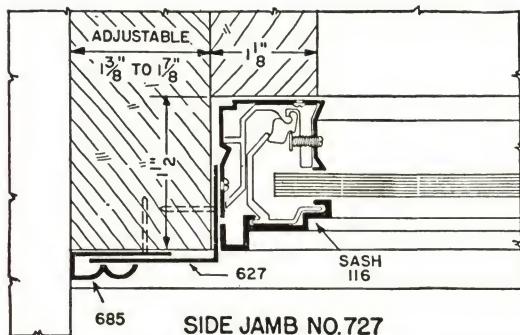
DETAILS HALF  
& FULL SIZE



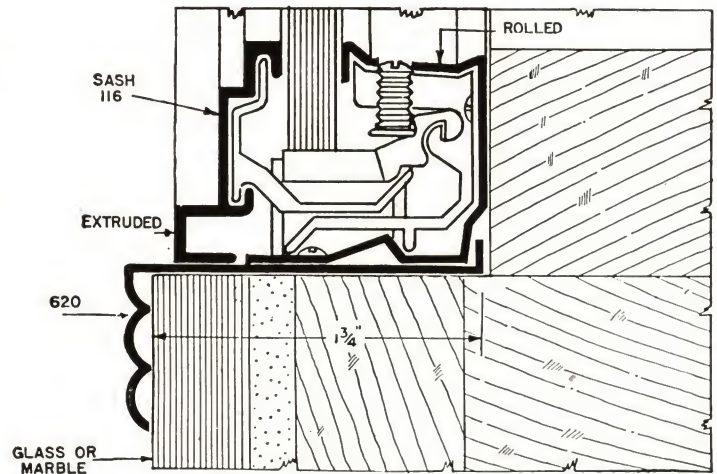
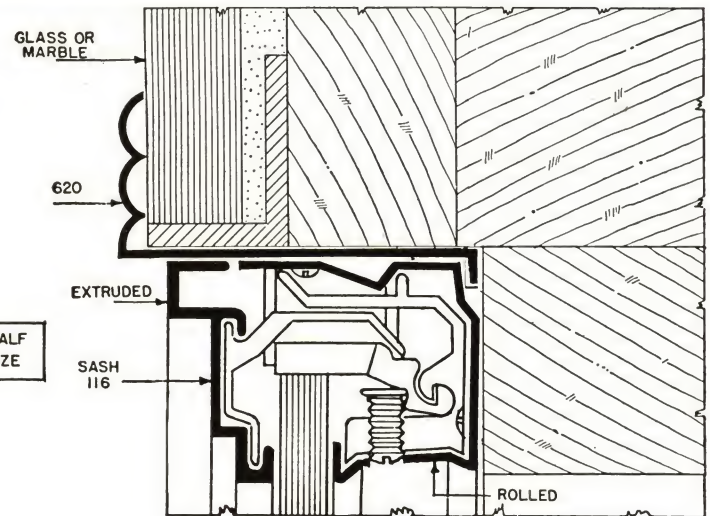
TRANSOM BAR NO. 722



SILL NO. 720

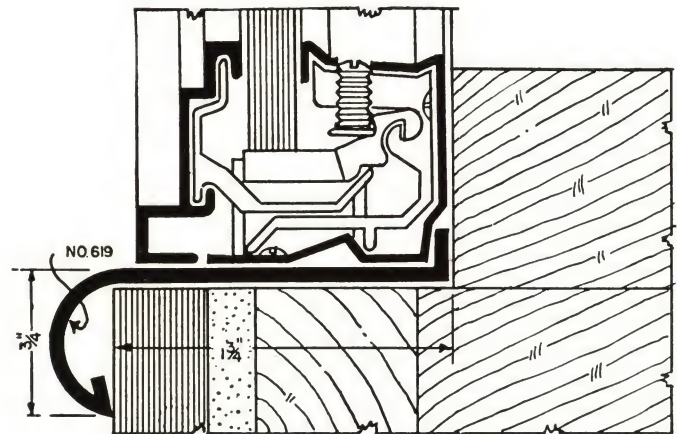


SIDE JAMB NO. 727



FULL SIZE VERTICAL SECTION  
THROUGH HEAD AND SILL

NO. 116 SASH - NO. 620 COVERING  
STRUCTURAL GLASS  
OR MARBLE  
ALL AROUND



BULL NOSE SILL COVERS

NO. 619 - EXTRUDED - .050" THICKNESS  
NO. 119 - ROLLED - .040" THICKNESS

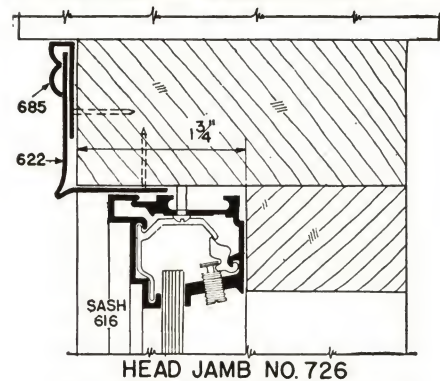


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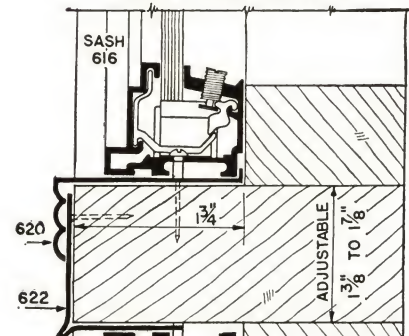
# DESCO STORE FRONT CONSTRUCTION

EXTRUDED AND ROLLED SECTIONS IN ALUMINUM AND BRONZE

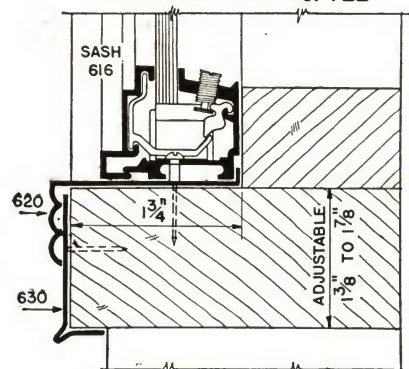
PLATE 2



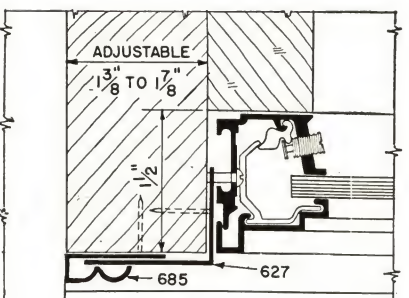
HEAD JAMB NO. 726



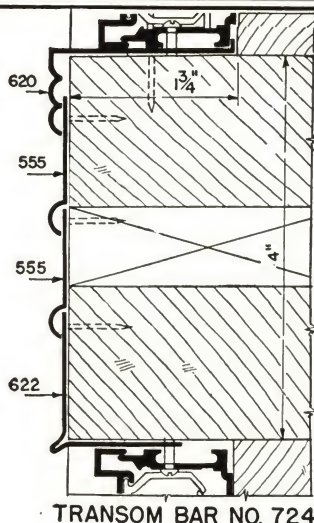
TRANSOM BAR NO. 722



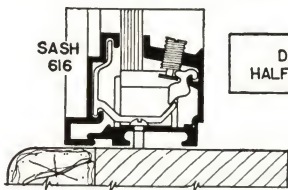
SILL NO. 720



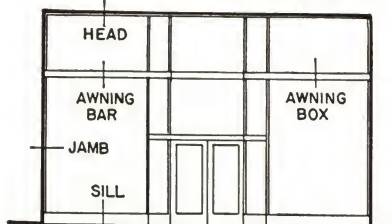
SIDE JAMB NO. 727



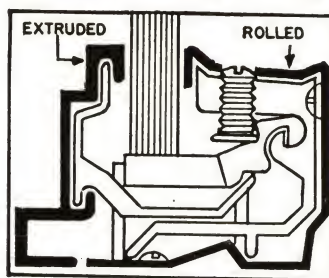
TRANSOM BAR NO. 724



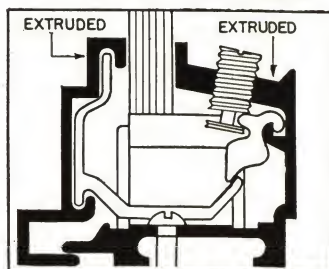
SELF SUPPORTING SASH



KEY ELEVATION SHOWING WHERE SECTIONS ARE TAKEN



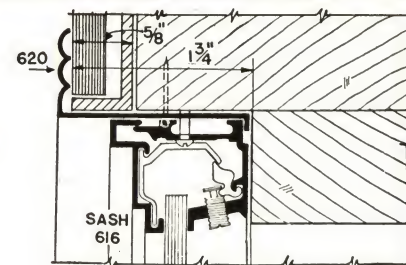
SASH NO. 116 FULL SIZE



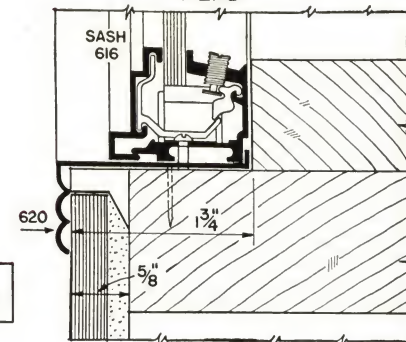
SASH NO. 616 FULL SIZE

EITHER OF THE ABOVE SASH MAY BE USED IN ANY OF THE CONDITIONS SHOWN BY DETAILS ON THIS DRAWING

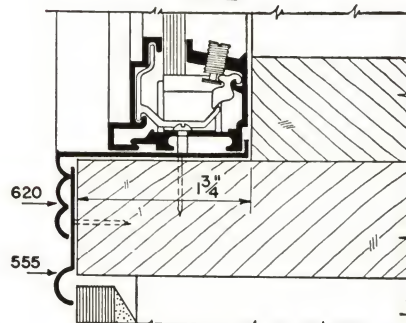
DETAILS  
HALF FULL SIZE



HEAD



SILL



SILL - WITH FILLER STRIP



New Desco Polished Bronze Store Front for "Peggy Ann" on Grand River Ave., Detroit.



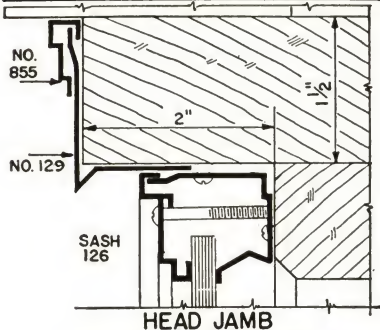
*Desco*

# DESCO STORE FRONT CONSTRUCTION

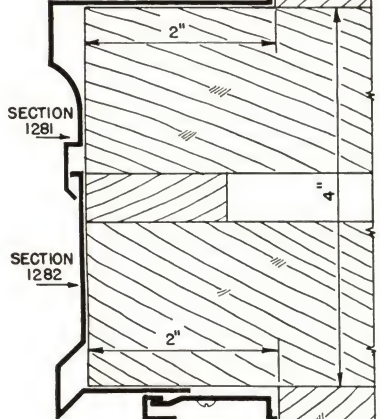
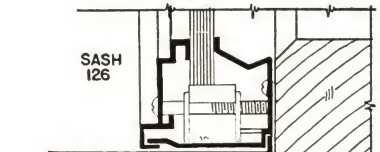
SOLID BRONZE, SOLID COPPER OR ALUMINUM

ANY FINISH DESIRED

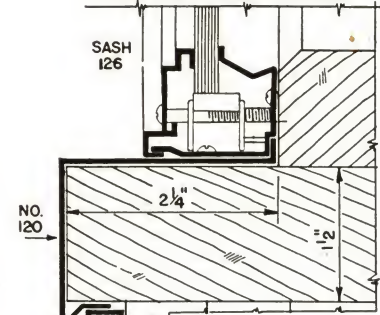
PLATE 3



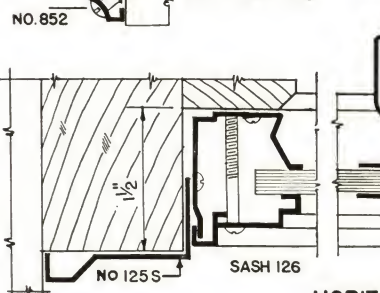
HEAD JAMB



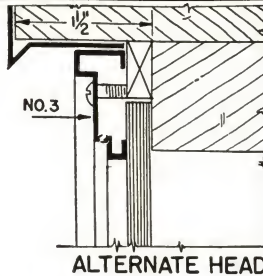
TRANSOM BAR NO. 128



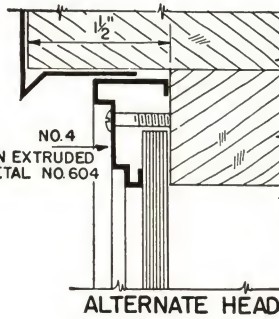
SILL NO. 120



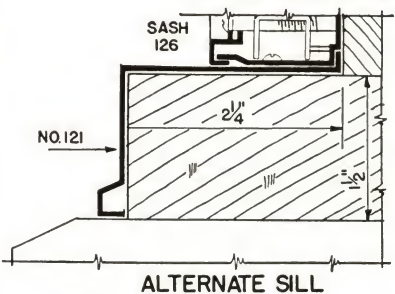
HORIZONTAL SECTION



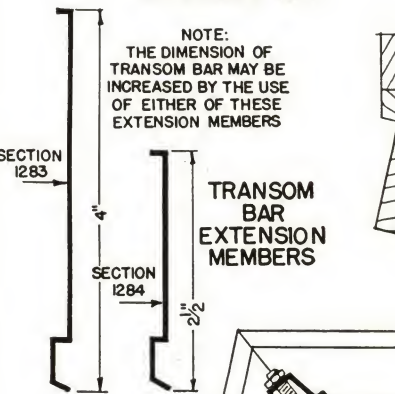
ALTERNATE HEAD



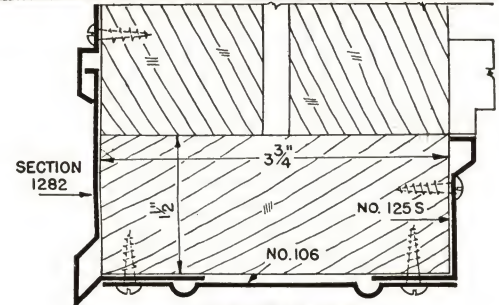
ALTERNATE HEAD



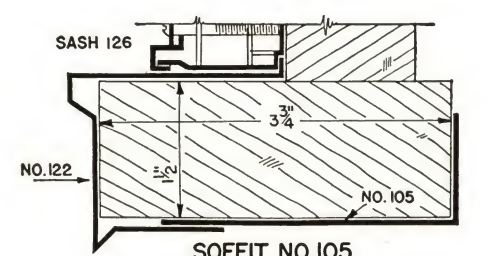
ALTERNATE SILL



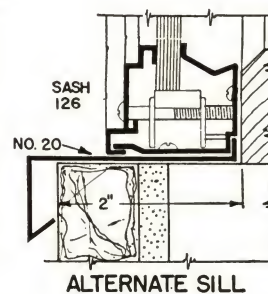
TRANSOM BAR EXTENSION MEMBERS



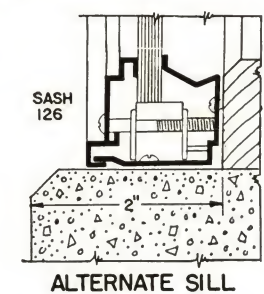
SOFFIT NO. 106



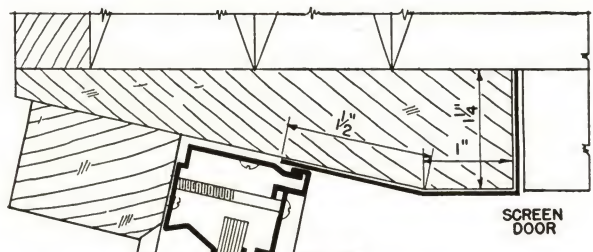
SOFFIT NO. 105



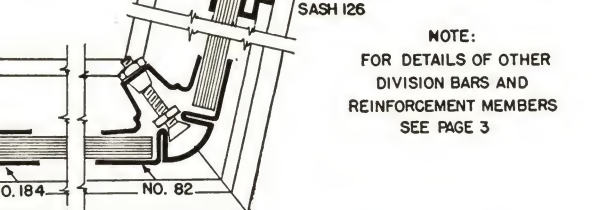
ALTERNATE SILL



ALTERNATE SILL



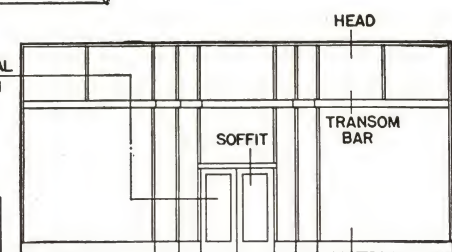
SCREEN DOOR



NOTE:  
FOR DETAILS OF OTHER  
DIVISION BARS AND  
REINFORCEMENT MEMBERS  
SEE PAGE 3

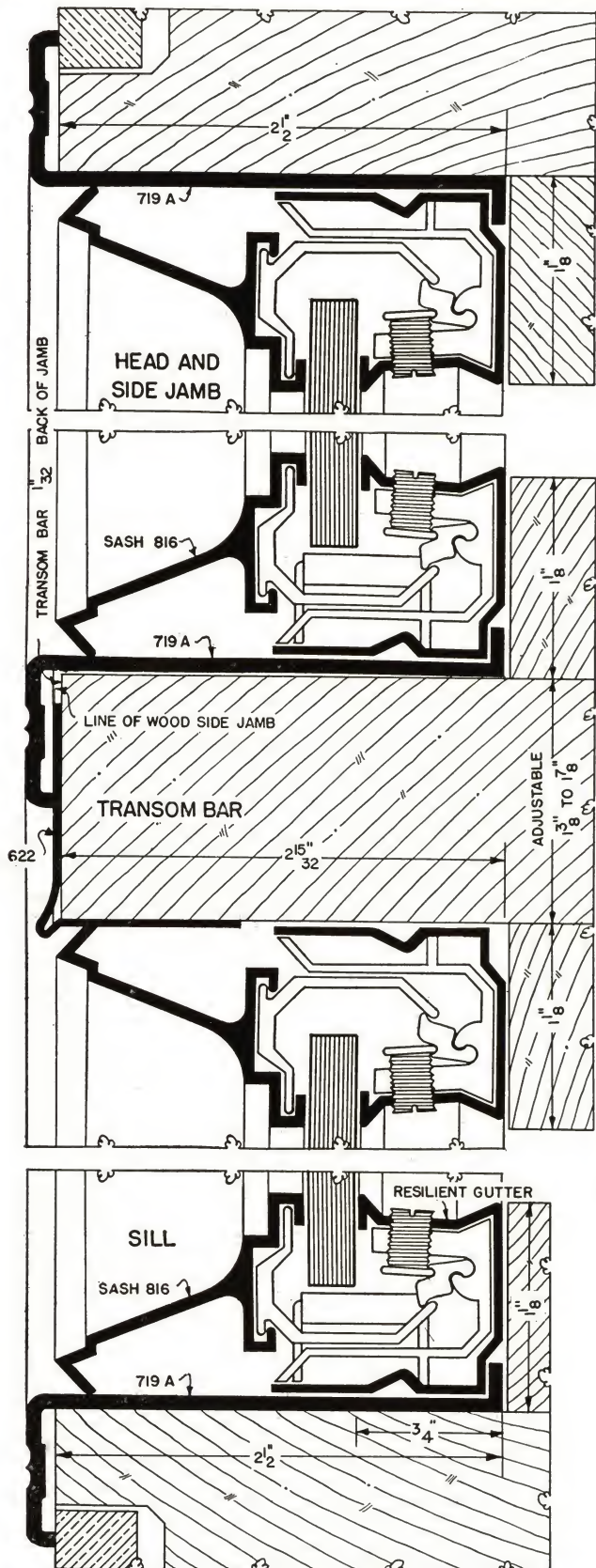
HORIZONTAL  
SECTION

DETAILS  
HALF FULL SIZE

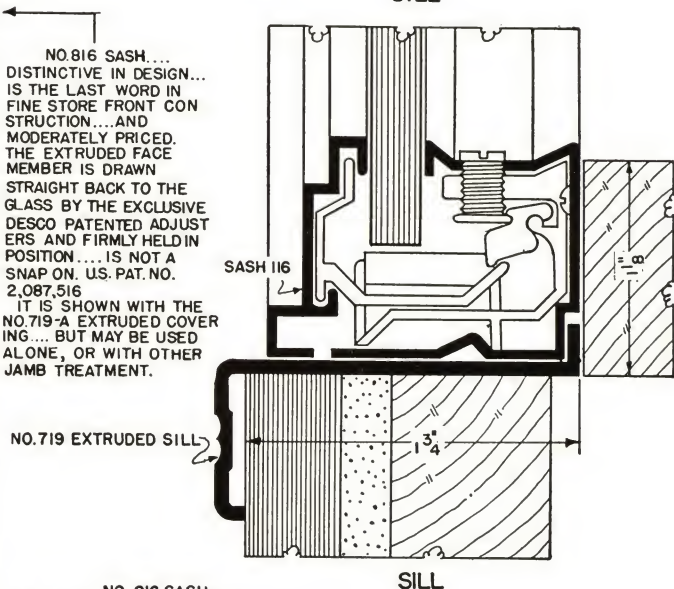
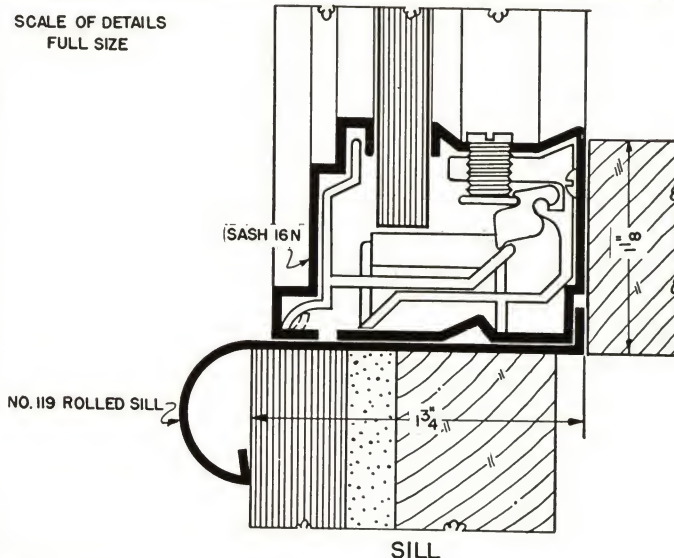


KEY ELEVATION SHOWING  
WHERE SECTIONS ARE TAKEN

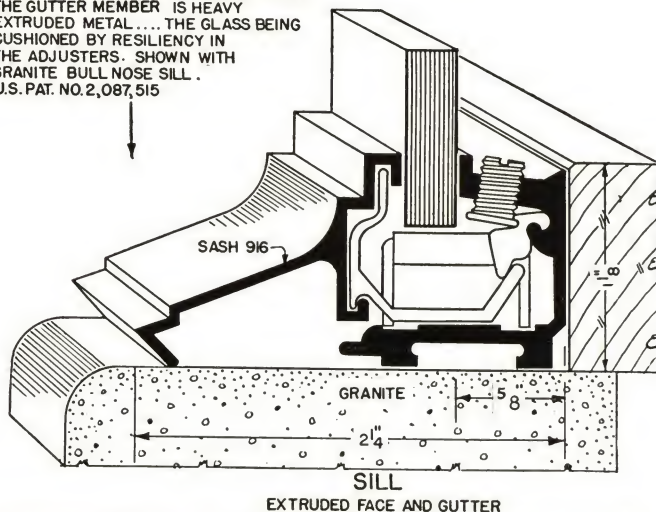




SCALE OF DETAILS  
FULL SIZE



NO. 916 SASH... SIMILAR TO THE NO. 816... EXCEPT THAT THE GUTTER MEMBER IS HEAVY EXTRUDED METAL... THE GLASS BEING CUSHIONED BY RESILIENCY IN THE ADJUSTERS. SHOWN WITH GRANITE BULL NOSE SILL. U.S. PAT. NO. 2,087,515





*Desco*

# DESCO STORE FRONT CONSTRUCTION

EXTRUDED AND ROLLED SECTIONS IN ALUMINUM AND BRONZE

PLATE 4a

FULL SIZE  
DESCO  
EXTRUDED

BUILDING LINE

SASH 916

DOOR POST

SASH 916

DIVIDER

SASH 916

SASH 916

719-A

2 1/2"

SIDE PIER

SASH 916

719-A

2 1/2"

FILLER STRIP

719-A

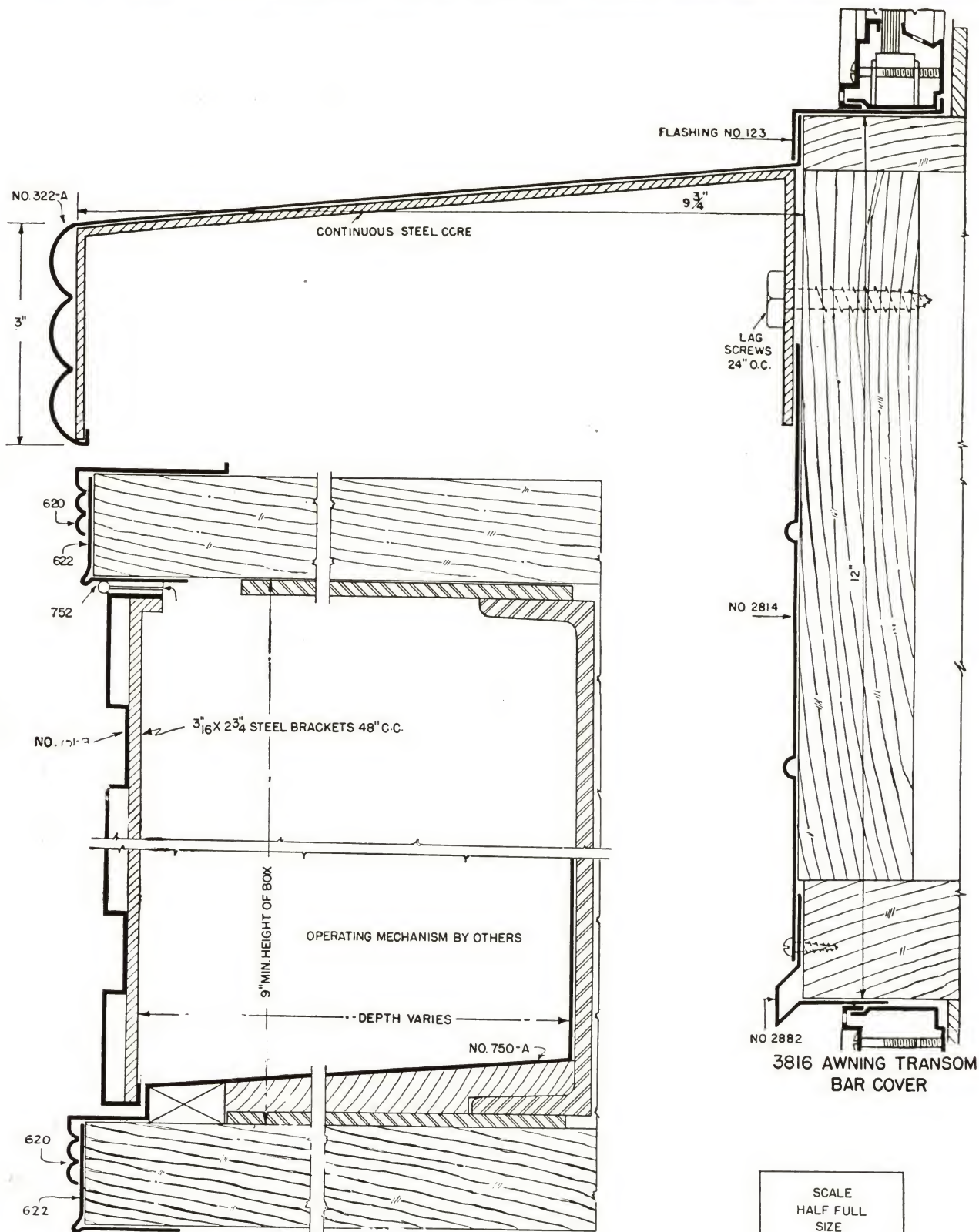
PILASTER

SASH 916

HORIZONTAL  
SECTION  
SHOWING BENT  
GLASS RETURNING  
TO DOOR POST

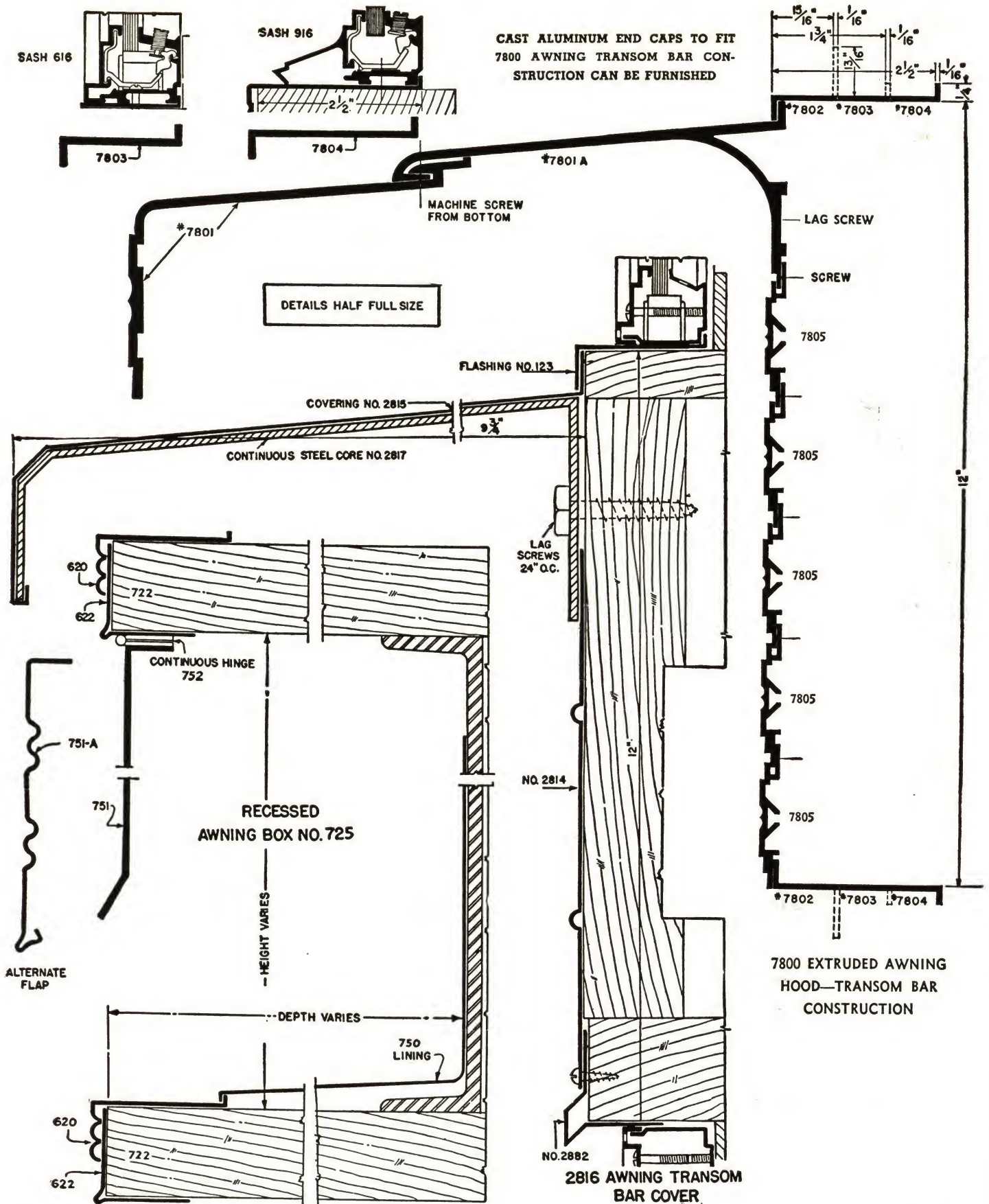
SECTION SHOWING  
TREATMENT AT PILASTERS  
AND MULLIONS



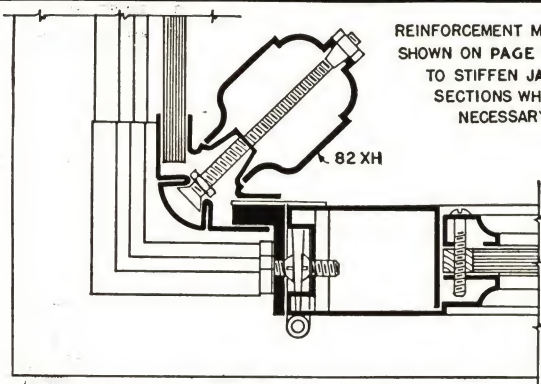
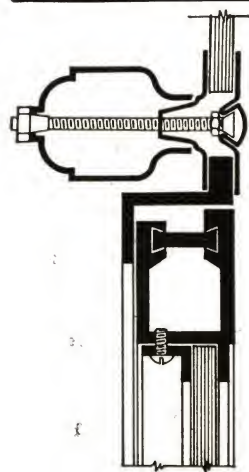


COMPLETELY CONCEALED  
AWNING BOX NO. 725-A



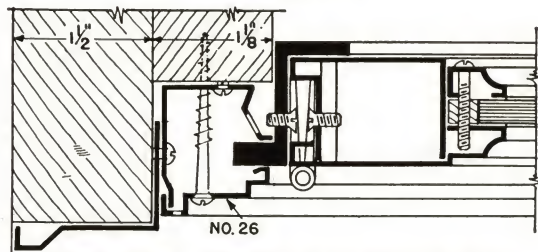
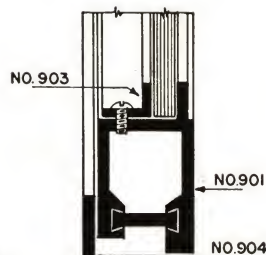
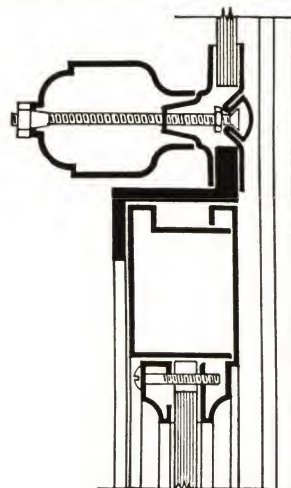




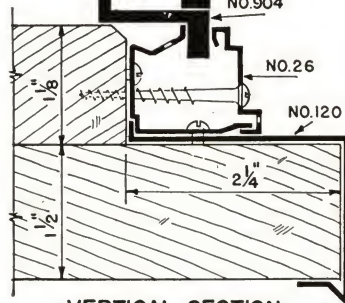


REINFORCEMENT MEMBERS  
SHOWN ON PAGE 11 USED  
TO STIFFEN JAMB  
SECTIONS WHEN  
NECESSARY

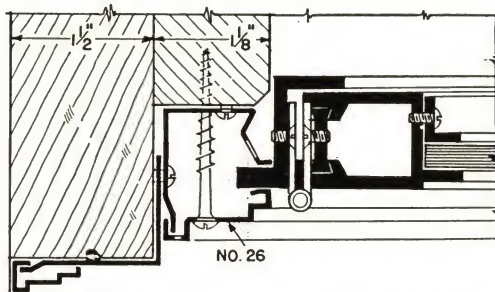
HORIZONTAL SECTION SHOWING NO. 700  
DOOR AT CORNER



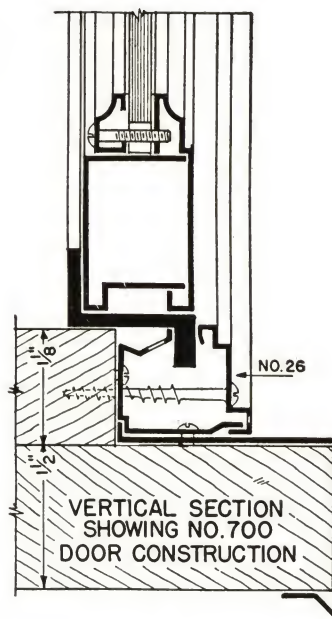
HORIZONTAL SECTION SHOWING NO. 700  
DOOR AT JAMB



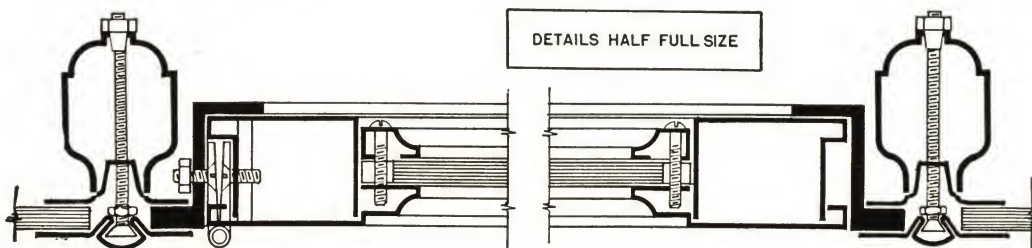
VERTICAL SECTION  
SHOWING NO. 900  
DOOR CONSTRUCTION



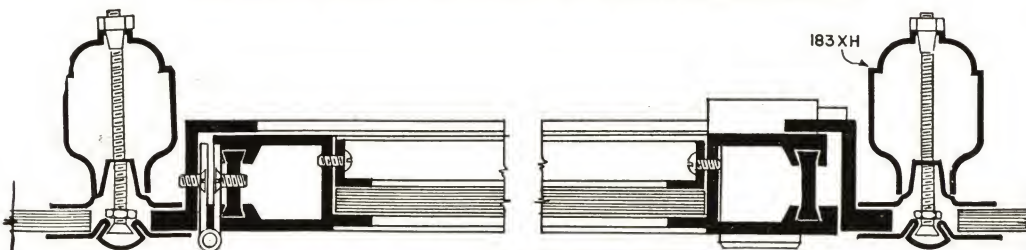
HORIZONTAL SECTION SHOWING NO. 900  
DOOR AT JAMB



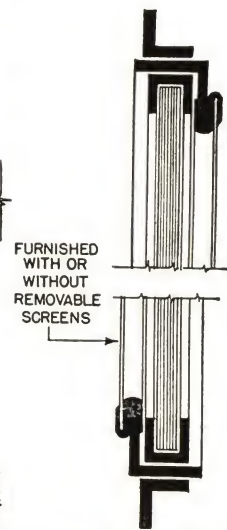
VERTICAL SECTION  
SHOWING NO. 700  
DOOR CONSTRUCTION



HORIZONTAL SECTION SHOWING NO. 700 DOOR CONSTRUCTION



HORIZONTAL SECTION SHOWING NO. 900 DOOR CONSTRUCTION

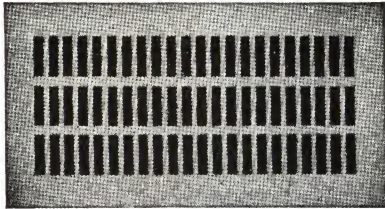


STANDARD PRISM  
VENTILATOR

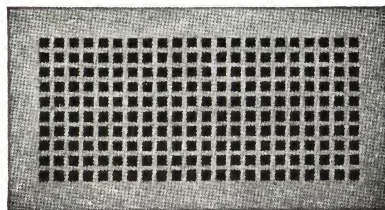


# ACCESSORIES for *Desco* STORE FRONTS

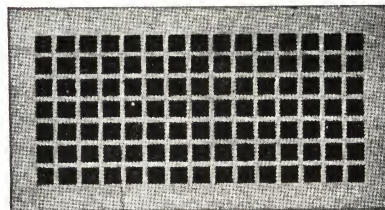
Accessories—including mouldings, grilles, plates, thresholds, setting blocks and reinforcements—meet the same high standards of quality of material and fineness of workmanship that have always characterized DESCO products.



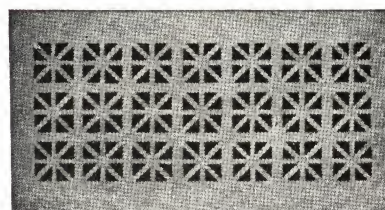
DESCO Grille . . Type 1



DESCO Grille . . . Type 2

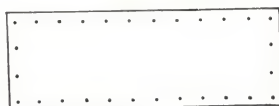


DESCO Grille . . . Type 3

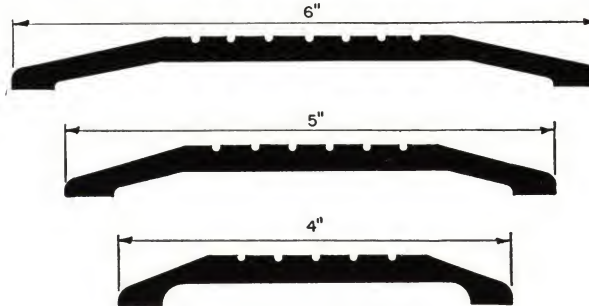


DESCO Grille . . . Type 5

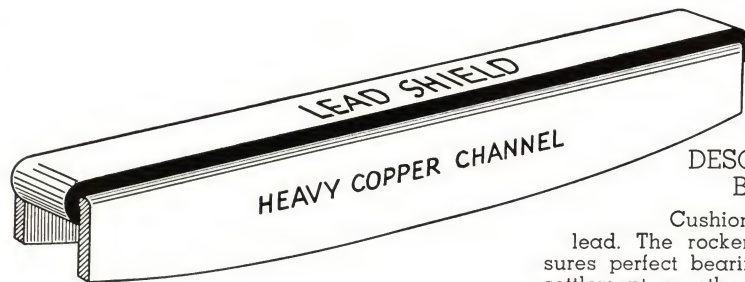
DESCO Grilles . . . in Bronze,  
Aluminum and Alumilite  
Standard Sizes: 11 x 15, 18 x 9, and  
24 x 10 inches



Kick Plate  
Standard Heights: 10, 12, 14  
and 16 Inches.  
Any Length—16 Gauge



Threshold Plates  
in Bronze and Aluminum



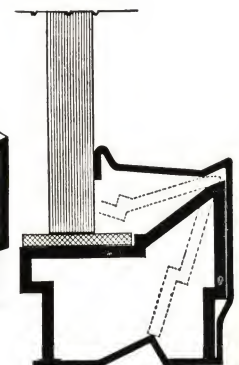
DESCO Setting  
Block

Cushions the glass in  
lead. The rocker channel in-  
sures perfect bearing in case of  
settlement or other irregularities  
... avoids glass breakage.



DESCO  
New Extrud-  
ed Aluminum  
Setting Block

Fitted with soft lead cushion for  
glass. Gives wider flat space for  
glass to rest on—snaps into place—  
will not tip over. The safest and best setting block ever made.



Type XXH



Type XH



Type SXH  
Reinforcements for  
Division Bars  
See Plate No. 3 for  
Division Bars



Type H

## Installation . . .

In every principal city throughout the country there is an authorized DESCO Dealer or Distributor ready to assist Architects in planning windows of new stores . . . or remodeling facades of old buildings. These dealers and distributors carry a complete stock of DESCO Store Front construction and are equipped to handle any installation. For samples, details and prices, we earnestly request Architects to contact our nearest dealer or distributor. Our fieldmen in these offices will be glad to co-operate in planning any type of work. No obligation, of course.





A "DESCO" Store Front Installation

*Desco*

**DETROIT SHOW CASE COMPANY**

1652 - 1694 WEST FORT STREET

**DETROIT, MICHIGAN**

NEW YORK OFFICE: 103 PARK AVENUE, NEW YORK, N. Y.